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GROUP 1700

Docket No: Q57601

Group Art Unit: 1743

Examiner: Yelena G. GAKH

Filed: December 11, 2000

For: METHOD FOR MEASURING WATER CONCENTRATION IN AMMONIA

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated December 31, 2002, the period of response to which has been extended for one month by a concurrently-filed Petition for Extension of Time and attached fee, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please add the following amended claims:**

1. (Twice amended) A method for measuring a water concentration in ammonia, comprising:

introducing a gaseous phase moiety of liquefied ammonia having a water concentration of 10 ppm or less as a reference gas into a multi-reflection long optical path cell,

measuring infrared absorption intensity of the reference gas at an infrared wave number  
at which infrared absorptions of ammonia and water do not overlap as background absorption,